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Signature

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TRAN	IOMATT A L		Applic	cation Number		10/698	818
111741	ISMITTAL	1	Filing Date			October 31, 2003	
FORM			First Named Inventor		r	Levi T. Thompson, et al.	
(to be used for all co	rrespondence after ir	nitial filing)	Group Art Unit			1755	
			Exami	Examiner Name N/A			
Total Number of Page	s in This Submission		Attorn	ey Docket Numb	oer	2115-0	02542
		ENCLO	SURES	(check all that ap	ply)		
Fee Transmittal F	· Form	Assignment Papers (for an Application)			After Allowance Communication to Group		
Fee Attached	l	☐ Drawin	g(s)			Appeal Communication to Board of Appeals and Interferences	
Amendment / Res	sponse	Licensi	ng-relate	d Papers			eal Communication to Group eal Notice, Brief, Reply Brief)
After Final	•	Petition	1			Prop	rietary Information
		Petition to Convert to a Provisional Application			☐ Stat	us Letter	
			Power of Attorney, Revocation Change of Correspondence Address		Oth	er Enclosure(s) se identify below):	
Express Abandonment Request			Terminal Disclaimer Request for Refund				PTO 1449 Form, One (1) Copy Each Of Listed References And Return Receipt Postcard
		_ `	, Number of CD(s)				
Certified Copy of Priority		Remar	The Commissioner is hereby authorized to charge any additional fees that may be required under 37 CFR 1.16 or 1.17 to Deposit Account No. 08-0750. A duplicate copy of this sheet is enclosed.				
Response to Miss Incomplete Applic							
Response to Missing Parts under 37 CFR 1.52 or 1.53							
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Firm or Individual name Harness, Dickey & Pierce, P		Pierce, P.L.0	Attorney Name Stanley M. Erjavac			Reg. No. 38,442	
Signature Land M. Son		···					
Date	Date February 10, 2004						
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	tor of the U.S. Pate	ent and Trac	iemark (Office, P.O. Box			as express mail in an envelope a, VA 22313-1450, or facsimile
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February 10, 2004

Date



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

plication No.:

10/698,818

Filing Date:

October 31, 2003

Applicants:

Levi T. Thompson, et al.

Group Art Unit:

1755

Examiner:

N/A

Title:

Carbide/Nitride Based Fuel Processing Catalysts

Attorney Docket:

2115-002542

Director of the United States Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to 37 C.F.R. §§ 1.56, 1.97 and 1.98, Applicant hereby submits an Information Disclosure Statement for consideration by the Examiner.

I. LIST OF PATENTS, PUBLICATIONS, AND OTHER INFORMATION

The patents, publications and other information requested to be considered by the Office (except unpublished U.S. patent applications) are listed on Form 1449 attached hereto.

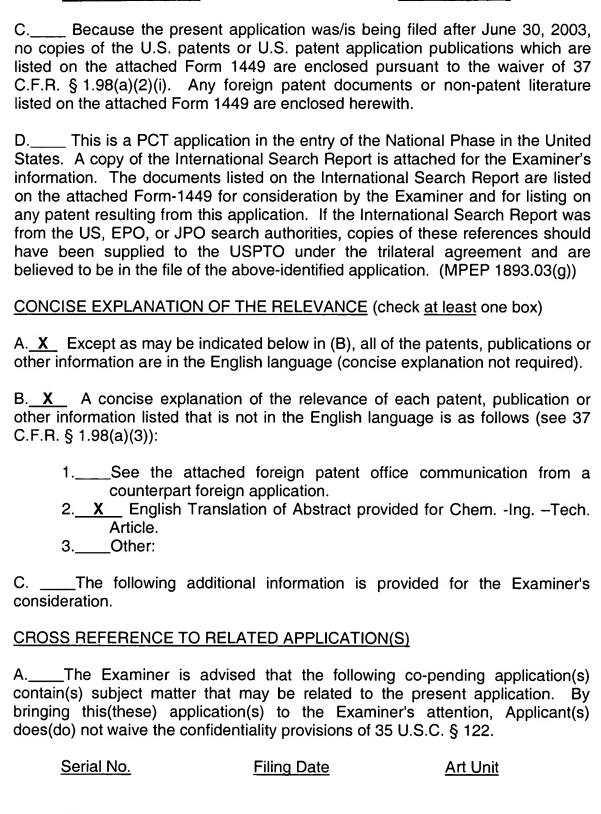
II. COPIES

A. X Submitted herewith is a legible copy of (i) each U.S. patent application publication and U.S. and foreign patent; (ii) each publication or that portion which caused it to be listed; (iii) for each cross-referenced pending U.S. application listed below in Section IV, the application specification including the claims, and any drawing of the application which caused it to be listed including the claims directed to that portion; and (iv) all other information or that portion which caused it to be listed.

B. ____ Any patents, publications or other information which are listed on Form 1449 or on the copies of PTO-892, but which are not enclosed herewith, were previously cited by or submitted to the PTO in one of the following applications which has been relied upon for an earlier filing date under 35 U.S.C. § 120:

U.S. Serial Number

U.S. Filing Date

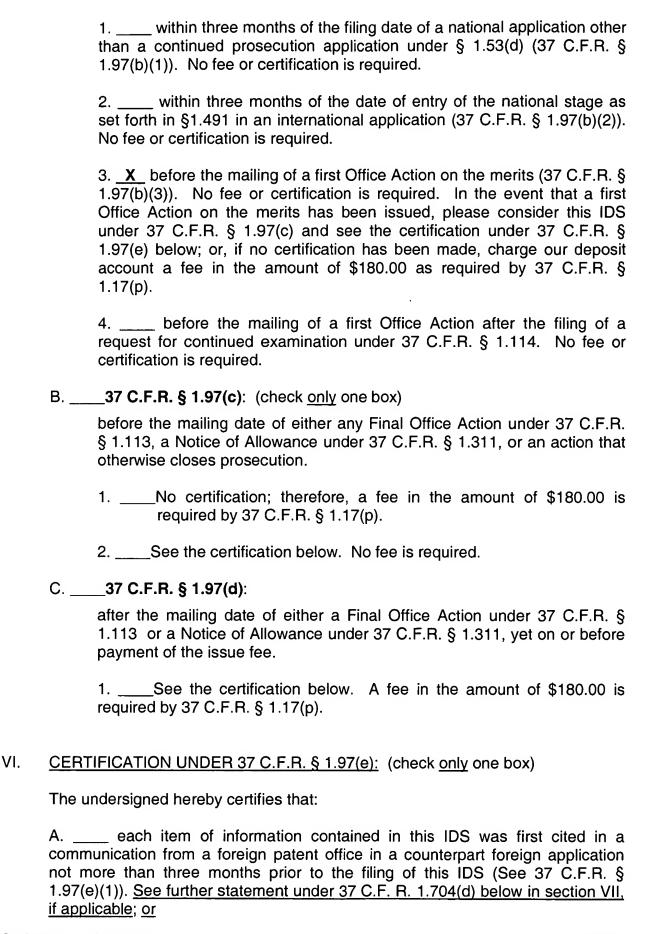


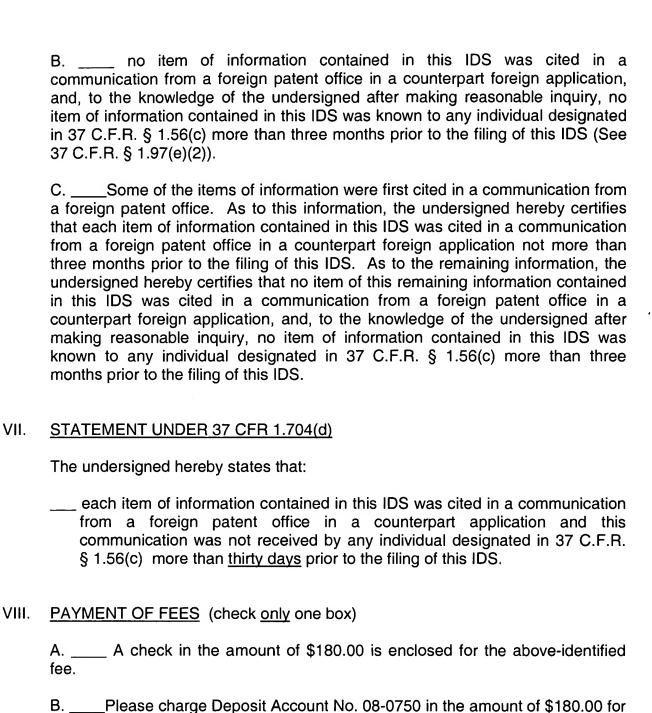
V. THIS IDS IS BEING FILED UNDER

A. X 37 C.F.R. § 1.97(b): (check only one box)

III.

IV.





The above references are being cited only in the interest of candor and without any admission that they constitute statutory prior art, contain matter which anticipates the invention, or which would render the same obvious, either singly or in combination, to a person of ordinary skill in the art. Furthermore, this Information Disclosure Statement shall not be construed as a representation that a search has been made.

the above-indicated fee. A duplicate copy of this paper is attached.

If it is determined that this IDS has been filed under the wrong rule, the PTO is requested to consider this IDS under the proper rule (with a petition if necessary) and charge the appropriate fee to Deposit Account No. 08-0750.

Please charge any additional fees or credit any overpayment pursuant to 37 C.F.R. § 1.16 or § 1.17 to Deposit Account No. 08-0750.

Respectfully submitted,

Dated: February 10, 2004

Stanley M. Erjava

Reg. No. 38,442

HARNESS, DICKEY & PIERCE, P.L.C. P.O. Box 828 Bloomfield Hills, Michigan 48303 (248) 641-1600

SME/Id



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Sheet 1 of 1

ATTORNEY DOCKET No.	SERIAL NO.
2115-002542	10/698,818
APPLICANT	
Levi T. Thompson, et al.	
FILING DATE	GROUP
October 31, 2003	1755

U.S. PATENT DOCUMENTS						
Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
1.						

FOREIGN PATENT DOCUMENTS							
Ref. Desig.	Examiner's Initials	Document Number	Date	Country	Class/ Subclass	Translatio Yes	on No
1.							

OTHE	OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)				
Ref. Desig.	Examiner's Initials				
1.		Journal of Catalysis 112, Pg. 44-53 (1988), "Molybdenum Carbide Catalysts", J.S.Lee, L. Volpe, F. H. Ribeiro, M. Boudart			
2.		Journal of Catalysis 32, Pg. 304-314 (1974), "The Kinetics and Mechanism of Spillover", R. B. Levy, M. Boudart			
3.		Journal of Solid State Chemistry 118, Pg. 84-92 (1995), "Kinetics and Mechanism of Molybdenum (VI) Oxide Reduction", Jerzy Sloczynski			
4.		Journal of Catalysis 134, Pg. 383-398 (1992), "Compared Activities of Platinum and High Specific Surface Area Mo₂C and WC Catalysts for Reforming Reactions", Marc J. Ledoux, Cuong Pham Huu, Jean Guille, Hugh Dunlop			
5.		Catalysis Letters 35 (1995) Pg. 353-360, "Novel Catalysts for Selective Dehalogenation of CC1 ₂ F ₂ (CFC12)", B. Dhandapani, S. T. Oyama			
6.		Journal of Catalysis 144, Pg. 38-49 (1993), "CO₂-Reforming of Methane Over Transition Metals", J. R. Rostrup-Nielsen, J-H. Bak Hansen			
7.		Chem. –Ing. –Tech. 69, Pg. 83-87 (1997), "Rhodium auf Wolframcarbid – ein neuer Katalysator zum Reformieren", J. Volter, H. Berndt, G. Lietz, H. Preiss, R. Tamme			

Examiner:	Date Considered:



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PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE CITATION

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Sheet 2 of 2

ATTORNEY DOCKET No.	SERIAL NO.	
2115-002542	10/698,818	
APPLICANT		
Levi T. Thompson, et al		
FILING DATE GROUP		
October 31, 2003	1755	

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)				
Ref. Desig.	Examiner's Initials			
8.		Journal of Catalysis 201, Pg. 206-212 (2001), "Activity and Stability of Molybdenum Carbide as a Catalyst for CO₂ Reforming", J. Sehested, C. J. H. Jacobsen, S. Rokni, J. R. Rostrup-Nielsen		

Examiner:

Date Considered: